

**MATERIAL SAFETY DATA SHEETS**

**1. CHEMICAL PRODUCT & COMPANY INFORMATION**

Manufacturer:	Global Material Technologies 2825 West Dundee Road Suite 210 Palatine, IL 60623	Emergency Phone: 800-255-3924 Information Phone: 888-468-9665 E-Mail: mail@gmt-inc.com
Product Name:	Rubberize-It Black	
Product Number:	752451, 752448	
Product Description:	Thermoplastic Rubber	
Preparation Date:	August 31, 1998	
<b>HMS Hazard Codes</b>		
Health:	2	
Flammability:	3	
Reactivity:	0	
PP Equipment:	G	

**2. COMPOSITION/INGREDIENTS**

Component	%	CAS#	TLV	PEL OSHA
Toluene	69.43	108-88-3	50ppm	100ppm
Carbon Black	3.42	1333-86-4	3.5mg/m3	
Silicon Dioxide	1.28	112945-52-5	10mg/m3	
Diethylene Glycol	.21	111-46-6	10 mg/m3	

**3. PHYSICAL/CHEMICAL CHARACTERISTICS**

Appearance & Odor:	Thick black liquid with strong solvent odor.	
Boiling Point:	232-473.9°F	
Melting Point:	N/A	
Vapor Pressure (mmHg/20°C):	15.8	
Vapor Density (Air = 1):	>1	
Specific Gravity (Water = 1):	.93	7.748 lbs/gallon
Evaporation Rate:	<1 (1=Buryl Acetate)	
% Volatile by volume	74.42	
VOC	5.40	
Solubility in Water:	Insoluble	

**4. FIRE & EXPLOSION HAZARD DATA**

Flash Point:	45°F Setflash	Flammable Limits:
Extinguishing Media:	Carbon Dioxide, Dry Chemical, Foam, Water Fog	LEL: 1.2 UEL: 7.0
Special Fire Fighting Procedure:	Use full protective equipment, including self-contained breathing apparatus with full-face shield and positive pressure mode to protect firefighters from hazardous combustion products.	
Protective Equipment:	Use full protective equipment, including self-contained breathing apparatus with full-face shield and positive pressure mode to protect firefighters from hazardous combustion products.	
Unusual Fire & Explosion Hazards:	Product is flammable and may be ignited by heat, flame, sparks or static discharge. Product vapors are heavier than air and may travel along floor to be ignited (by smoking, heaters, electric motors, pilot lights, any open flame source, ect.) at locations distant from material handling point. Closed containers may explode when exposed to extreme heat.	

#### **5. REACTIVITY DATA**

**Stability:** Product is stable under normal storage conditions.

**Conditions To Avoid:** Heat, hot surfaces, open flame and sources of ignition.

**Incompatibility (materials to avoid):** Strong oxidizing agents, Nitric Acid, Strong Acids, Halogens

**Hazardous Decomposition Products:** Carbon Monoxide

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid (Poly):** None

#### **6. HEALTH HAZARD DATA**

##### Effects of overexposure

**Inhalation:** May cause nasal, throat, respiratory irritation, or narcosis. Symptoms include central nervous system depression characterized by headache, dizziness, fatigue, loss of coordination, nausea, unconsciousness or even asphyxiation.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting or diarrhea. Aspiration of material into lungs (during swallowing or vomiting) can cause chemical pneumonitis and pulmonary edema, which can be fatal.

**Eye:** Can cause severe eye irritation, redness, swelling, and tearing or blurred vision.

**Skin:** May cause skin irritation. Prolonged or repeated contact may cause redness, burning, defatting or dermatitis.

**Chronic:** Repeated intentional inhalation can cause permanent brain and nervous system damage.

##### Emergency and First Aid Procedures

**Inhalation:** Remove from exposure/area. Restore breathing. Keep warm and quiet. Notify a physician.

**Ingestion:** Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting must be made by a physician after careful consideration of all materials ingested. Get immediate medical attention.

**Eyes:** Flush immediately with copious amounts of running water for at least 15 minutes. Lift eyelids occasionally. Get immediate medical attention.

**Skin:** Remove from skin with soap and water. Remove and launder contaminated clothing. Consult a physician if irritation persists.

#### **7. PRECAUTIONS FOR SAFE HANDLING & USE**

**Steps if Material Released/Spilled:** Small spill: Absorb liquid with rags, floor absorbent, vermiculite or other absorbent material and transfer to hood.

**Large spill:** Eliminate all ignition sources. Dike area spill to prevent spreading. Ventilate area if indoors.

**Pump liquid into salvage tank.** Remaining liquid may be taken up with sand, floor absorbent or other absorbent material and shoveled into containers. Prevent run-off to sewers and bodies of water. Notify proper authorities as required by local, state, and federal regulations.

**Waste Disposal Method:** Dispose of in accordance with all applicable local, state and federal regulations. Do not incinerate closed containers.

**Precautions-Handling/Storing:** Do not drop containers. Avoid heat, sparks, and open flame. Store large quantities only on buildings designed to comply with OSHA 1910.106. Never use pressure to empty containers. Do not handle until the manufacturer's safety precautions have been read and understood.

### 8. CONTROL MEASURES

**Respiratory Protection:** In open area use NIOSH approved chemical/mechanical respirator to remove solid airborne particles and vapors. In restricted ventilation or in confined areas use NIOSH approved airline type respirator or hood.

**Ventilation:** Provide local exhaust ventilation/general dilution in volume and pattern to keep TLV and PEL of most hazardous ingredient below limits. Heavy solvent vapors should be removed from lower levels of area.

**Protective Gloves:** Chemical resistant

**Eye Protection:** Splashproof goggles. Do not wear contact lenses.

**Other Protective Clothing & Equipment:** Avoid prolonged contact with contaminated clothing.

**Work Hygienic Practices:** Wash hands before eating, drinking or smoking. Observe excepted good hygiene practices.

**Supplier Safety & Health Data:** Not determined

### 9. TRANSPORTATION DATA

OSHA: Flammable Liquid-Class IB

DOT: 3 (Flammable Liquid)

UN/NA Number: UN-1263

Hazard Class: Flammable Liquid

Shipping Name: Paint

### 10. ADDITIONAL REGULATORY INFORMATION

SARA Title III Section 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning And Community Right To Know Act Of 1986 and of 40 CFR 372:

CAS#	Chemical Name	% by Weight	Rep Qty.	Hazard: Acute	Chron
108-88-3	Toluol	69.43	X	X	X
112945-52-5	Silicon Dioxide	1.28	X	X	

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